

PATENT APPLICATION TRANSMITTAL LETTER

ATTORNEYS DOCKET
NUMBER 12-1130

To the Commissioner for Patents:
Box 1450 M.S. PATENT APPLICATION
Alexandria, Virginia 22313-1450

Transmitted herewith for filing is the patent application of
Kriss Allen Bennett & Roy Tom Coyle
for an Invention entitled: Dual Composition Ceramic Substrate for Microelectronic
Applications

Enclosed are:

[X] The Specification containing 19 pages, which includes one page of
abstract and 4 pages of claims. And an attached

[X] Declaration and combined [X] Power of Attorney.

[X] The Drawings, consisting of 1 sheet.

[X] An ASSIGNMENT in favor of Northrop Grumman Corporation, a LARGE entity, and a

[X] Recordation Form Cover Sheet

The filing fee was determined as follows:

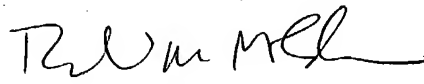
Claims as Filed - LARGE ENTITY				
For	Number Filed	Number Extra	Rate	CALCULATION
Total Claims	17- 20	0	x \$18.00 =	0.00
Independent Claims	4- 3	1	x \$84.00 =	84.00
Multiple Dependent Claims (if any)			+\$280.00	0.00
Basic Fee				\$750.00
TOTAL				\$834.00
TOTAL FILING FEE ..				\$834.00

Enclosed please find two of my credit card authorizations (form PTO-2038) in the respective amounts of \$834.00 to cover the filing fee and \$40.00 as the fee to record the assignment. The total fees are \$874.00.

Kindly charge any additional fees for this filing to my deposit account No. 07-1525. An additional copy of this letter is enclosed for that purpose.

Kindly apply the mail room stamp to the enclosed postcard and deposit same in the mails to acknowledge receipt of these papers.

Date: July 25, 2003



Ronald M. Goldman

Attorney

Reg. No. 24,057

CUSTOMER NO. 02604

11184

Ronald M. Goldman, Esq.

Roth & Goldman 21535 Hawthorne Blvd.*Comerica Bldg -Suite 500 *Torrance, Ca. 90503*

(310) 316-5399 FAX (310) 316-9143

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I hereby certify that this correspondence is being deposited with the United States Postal Service as **FIRST CLASS MAIL** in an envelope addressed to:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

JULY 28, 2003 (Date)

Name of applicant, assignee or Registered Representative:

RONALD M. GOLDMAN, Reg. No. 24,057.

Name of person depositing correspondence with the postal service:

MYRNA J. GOLDMAN (print)

Signature: Myrna J. Goldman

Date of Signature: 7/28/03